

TERREBONNE LEVEE & CONSERVATION DISTRICT



May 18, 2006

Mr. David Frugé
Administrator
Coastal Management Div.
La. Dept. of Natural Resources
P. O. Box 44487
Baton Rouge, LA 70804-4487

Dear Mr. Frugé:

Re: Application for Coastal Impact Assistance Program Funds

Attached please find a completed application and necessary supporting material for CIAP funding for the Houma Navigation Canal Lock. I am providing three hard copies and a single digital copy in .pdf format.

The Houma Navigation Canal Lock fits exactly the intent, purposes, and guidelines of the CIAP. This funding is justified for the following reasons.

- 1) The lock presents a unique cost share opportunity with funding pulled from the State CIAP, Terrebonne Parish CIAP dollars, a local sales tax dedicated to this project, State capital outlay dollars dedicated to this project, and federal appropriations dedicated to this project.
- 2) The Houma Navigation Canal Lock will be ready for construction in December 2007, concurrent with available CIAP dollars. The design and environmental impact statement of the lock are already fully funded through other sources and will be complete by that date.
- 3) The Houma Navigation Canal Lock will provide systemic benefits to the entire Terrebonne Basin and portions of Lafourche Parish through prevention of saltwater intrusion and freshwater management. The lock is estimated to provide \$3 million in benefits to drinking water supplies over the 50-year project life and is estimated to benefit 188,000 acres of coastal habitat. For these reasons, the lock is included as a linch pin strategy for the Terrebonne Basin in the Louisiana Coastal Area Study, Coast 2050, and the Barataria-Terrebonne National Estuary Program CCMP.
- 4) The Houma Navigation Canal has historically, currently, and will in the future be directly tied to the Outer Continental Shelf's oil and gas development, production, and maintenance. When built, the lock complex will just encourage additional development by providing benefits to Terrebonne and

Lafourche Parishes, and will mitigate for historical damage to onshore resources from OCS development.

- 5) As evidenced by the attached resolutions of support from several public and private entities in Terrebonne and Lafourche Parishes, the Houma Navigation Canal Lock is a priority for both communities.

I ask for your favorable review of this application. I am aware that this application, once reviewed by the State, will ultimately be forwarded to the federal government. I am aware that there are competing uses for the CIAP dollars and there are issues that may arise in your review. I am available at any time to provide you with additional information on this application. I also urge you, as you review this application, to keep in mind that one of the purposes in securing this large funding stream was to address the large and by extension complicated coastal needs of Louisiana. These monies were intended to address those needs that were larger than either the State program or the CWPPRA Program could address. The Lock is just such a project.

Sincerely,

TERREBONNE LEVEE & CONSERVATION DISTRICT



Jerome Zeringue
Executive Director

JPZ/ar/138

Cc: Senator Mary Landrieu
Senator David Vitter
Congressman Charlie Melancon
Senator Reggie Dupre
Senator Butch Gautreaux
Rep. Damon Baldone
Rep. Carla Dartez
Rep. Gordon Dove
TLCD Board of Commissioners

Coastal Impact Assistance Program Application

Houma Navigation Canal Lock
May 22, 2006

Project Title - Houma Navigational Canal Lock

Nominating Agencies – This project is a joint nomination from the following agencies:

Terrebonne Levee and Conservation District

Terrebonne Parish Consolidated Government

The project is supported by the following entities via the attached resolutions of support:

Terrebonne Cons. Waterworks District No. 1

Lafourche Waterworks Dist. No. 1

South Lafourche Levee District

Bayou Lafourche Fresh Water District

Terrebonne Parish Coastal Zone Advisory Board

Terrebonne Port Commission

Lafourche Parish Government

North Lafourche Levee District

Houma Terrebonne Chamber of Commerce

Point of Contact:

The point of contact for this project is:

Mr. Jerome Zeringue, Executive Director
Terrebonne Levee and Conservation District
220 Clendenning Road
Houma, La. 70361

jzee@tlcd.org

Total CIAP Funds Requested:

As outlined in the guidance for the application process as dictated by DNR, as well as the preliminary guidance issued by the Minerals Management Service, the nominating agencies have worked to find other cost sharing funding sources for the HNC Lock. The nominating agencies have identified four other sources that are available and applicable to the lock project. They are as follows:

Terrebonne Parish CIAP Funding	\$ 10	Million	6	%
State CIAP Funding	100		55	
Local Sales Tax Dollars	20		11	
State Capital Outlay	20		11	
Federal Appropriations	30		17	
Total	180		100	%

The ongoing design and environmental impact analysis of the lock complex, described below, has been funded by a combination of the local sales tax, state capital outlay, and federal appropriations. With the addition of the CIAP funding, the project can be constructed.

Infrastructure Funds Requested:

\$ 0

The Houma Navigation Canal Lock will provide both environmental and flood control benefits. The lock complex, including the large floodgate, will be operated for an average of 90 days each fall to prevent salt water intrusion. This time period is clearly identifiable on the attached enclosures. Enclosure 1 depicts the number of days over the past 60 years that the salt content in the water (as measured at the Houma Water Treatment Plant) has exceeded 250 mg/l. This is the standard used by the Consolidated Water District in Houma to decide when the Houma Navigation Canal/Intracoastal Waterway are too salty to use for potable water. Enclosure 2 depicts the mean number of days that this standard is exceeded in a given year, distributed over the various months of the year. This data demonstrates that salt water intrusion occurs primarily during September, October, and November, on average. This information was also the basis for the calculation of salt water reduction benefits in the Final Feasibility Study and Environmental Impact Statement for the Morganza to the Gulf Project (2002).

It will also be operated for an equal amount of time in the spring during periods of high Atchafalaya River flow to encourage freshwater diversion. Based on historical flows, the high flows usually occur in the months of March, April, and May. These high river stages usually exist for approximately 90 days.

By comparison, the lock complex will most likely be operated only for a few days per year (20 on average) for storm surge prevention. This number is based on the average days of closure over the last 4 years at the existing Bayou Terrebonne and Bayou Little Caillou Floodgates. Even on those days, the lock complex will provide significant salt water intrusion benefits as well.

Based on these operational criteria, the lock will be operated approximately 90% of the time (180 days out of 200 total days) in an average year for environmental benefits, primarily marsh conservation and preservation. Using this rationale, any funds dedicated for the lock should be considered non-infrastructure in nature.

This characterization may seem contradictory since the lock complex is a large project both in size and cost; however, every coastal restoration/preservation project from the smallest to the largest, consists of physical improvements (water control structures, levees, pumps, etc) that would be considered infrastructure in another setting. A water control structure can be used for wetland preservation as well as infrastructure improvements in the right setting. The Houma Navigation Canal setting, and the resulting onshore OCS impacts, merely requires a larger solution than other locations.

Description/Location of Project

The Houma Navigation Canal Lock would be located in Dulac, Louisiana, near the confluence of the Houma Navigation Canal and Bayou Grand Caillou. Enclosure 3 and 4 are a vicinity map and project sketch. The lock complex will consist of a 200' Wide flood gate, a 110' wide by 800' long lock chamber, and the associated necessary improvements to the site, all built in a realigned channel just west of the existing Houma Navigation Canal. The project also includes a closure dam across the existing channel once the new structure and channel are built. The new lock and floodgate will be built primarily on an existing maintenance dredging spoil disposal area on the west bank of the existing channel. The project will be built in this method to allow for continued, uninterrupted navigation in support of OCS activities through the channel during construction.

The 200' wide floodgate is designed to allow for continued use of the channel by the offshore fabrication industry located in Houma, 20 miles to the north. It allows for use of the channel by structures up to 250' wide through innovative design techniques.

The lock chamber is a key component of the complex because it will allow for continued use of the waterway during periods of salt water intrusion and fresh water management. During those periods, the flood gate will be closed, and smaller navigation will be routed through the lock chamber. Also during those periods, but much less frequently, the larger flood gate will have to be opened for a short period of time to allow for passage of the larger structures. These passages will usually only require a 12 hour opening of the large floodgate.

Project Type

The project fits the characteristics of several project types as outlined in the CIAP legislation, but most accurately fits category (1), conservation, restoration and protection of coastal areas, including wetlands. As described above, the lock will be operated for approximately 90% of the time to manage salt water intrusion and fresh water distribution. Operation in this manner will conserve and protect vast amounts of

wetlands within the Terrebonne Basin. The remaining operational time will be for storm surge protection, which also provides significant salt water prevention benefits.

Project Justification

The project justification will be provided in a format corresponding to the evaluation criteria as outlined on the DNR CIAP application guidance.

- 1) Is the project free of issues that may impact timely implementation of the project?

This project can be implemented (begin construction) by December 2007. There are no projects of a similar size and scope that can be implemented in such a short time frame. This project can be implemented in this time frame because it has been the subject of a detailed engineering and environmental planning process for the last six years. The lock complex has been in design since 2000, with a 50% design deliverable recently submitted and reviewed. The design costs to date total \$8 Million, with an additional \$2 Million needed to complete the design. URS, Corp., as the design firm on the project, will complete final design by December, 2007.

Concurrent with the design process, the Corps of Engineers (COE) is performing an Environmental Impact Statement on the lock complex at a cost of approximately \$100,000 (to date). This EIS is in process, and will include an analysis of the immediate and secondary environmental impacts and benefits of the lock complex, including effects on freshwater flows both near and detached from the structure.

The design and EIS are supported by both a numerical and physical model, at a cost of \$ 1 Million (to date). The numerical model, referred to as the system wide model, will analyze freshwater distribution throughout the Terrebonne Basin. The physical model will help identify design issues, freshwater flows, and navigation concerns.

Notably, both the design and the EIS have been conducted in a collaborative fashion, with input from the following agencies and interested parties:

La. DNR
La. DOTD
US ACE
NMFS
La. DEQ

TLCD
US EPA
US FWS
La. DWF
Terr. Parish School Board

The result of this process is a project that has been, and will continue to be, fully analyzed and critiqued from multiple perspectives. This is the only major coastal project that has been subject to this level of review and analysis, and is ready to be implemented. As a result, the issues that may affect implementation of the project have been identified,

and the TLCD, along with the COE and DOTD, are working to address those issues. Significant issues include:

- a) Mitigation for direct impacts on the affected property – the landowner (Terrebonne Parish School Board) is requesting that the direct impacts to wetlands be mitigated for on the affected property. The project currently includes placement of fill material in several existing large (+100 acre) ponds on the School Board property adjacent to the lock site. This should satisfy the landowner concerns. The landowner has been made aware of this plan.
 - b) Fresh water management procedures – During high Atchafalaya River stages, the Intracoastal Waterway may carry as much as 12,000 cubic feet per second into Houma (Swarzenski 2003). Due to changes in channel configuration, and other factors, only 20 to 30% of this flow continues eastward past the HNC. Some environmental resource agencies believe the lock complex should be used to manage this freshwater flow for the benefit of the Terrebonne Basin. It is necessary to determine these benefits, and develop an operational procedure for the lock for fresh water management. These procedures, and the beneficial impacts associated therewith, are the subject of the system wide model (SWM). This model will provide analysis of the effects of operating the structure to manage fresh water flows from the Atchafalaya River through Terrebonne Parish. It will be complete this summer.
- 2) Is the proposed project linked to a regional strategy for maintaining established landscape features critical to a sustainable ecosystem structure and function?

The lock complex is part of a regional strategy to reduce saltwater intrusion and encourage freshwater distribution throughout the Terrebonne Basin. The Houma Navigation Canal is a major conduit for freshwater distribution in the spring, and saltwater intrusion in the fall. If managed properly, the Houma Navigation Canal can provide systemic benefits to the entire Terrebonne Basin, particularly, the areas east of the ship channel where there is little opportunity for freshwater introduction. In fact, it is the only project that can be implemented in the short term to do so.

The federal and state agencies involved in coastal restoration recognize these facts and included the Houma Navigation Canal Lock in the Coast 2050 and Louisiana Coastal Authority (LCA) plans for this area. The Houma Navigation Canal Lock was identified as the lynch pin feature for the Terrebonne Basin in the Coast 2050 Report. This report, which was completed in 1998, included input from a large variety of interested parties including resource agencies, landowners and the general public.

In the LCA Study, the Houma Navigation Canal Lock is one of the ten short term projects. This study effort also included many of the same parties involved in the Coast 2050 effort. In both studies, the Houma Navigation Canal Lock is identified as the most important project in the Terrebonne Basin and the project which could have the greatest systemic effects in that basin.

The lock complex also meets the goals and objectives of Action Plans EM-1 (Hydrologic Restoration), EM-2 (Freshwater and Sediment Diversion) and EM-7 (Marsh Management) of the Barataria-Terrebonne National Estuary Program (BTNEP).

In summary, the construction of the Houma Navigation Canal Lock has been recommended in 3 separate comprehensive reports on the most important restoration measures for the Terrebonne Basin.

In addition, the Houma Navigation Canal Lock can be used to improve the operation of other proposed coastal restoration projects. The Lake Boudreaux Freshwater Introduction Project and the Grand Bayou Freshwater Introduction Project are CWPPRA projects which rely on freshwater distribution out of the Houma Navigation Canal and the Gulf Intracoastal Waterway, respectively. Both projects have been approved based on using the currently available freshwater resources in those waterways. When the Houma Navigation Canal Lock is operated for freshwater distribution, it should encourage more flows into those areas, thereby increasing the effectiveness of those projects. Additionally, the Falgout Canal Marsh Management Project should have greater effectiveness when the Houma Navigation Canal Lock is used to reduce saltwater intrusion.

- 3) Does the proposed project protect health, safety, or infrastructure of national, state, regional or local significance?

This proposed project protects many types of infrastructure of extreme importance. The project will protect the economic vitality of Lafourche and Terrebonne Parishes by protecting the freshwater drinking resources of both communities. The Houma Navigation Canal is the primary conduit for saltwater intrusion in the Terrebonne Basin. It affects the main water plant in Houma. The water plant in Houma provides the majority of the drinking water for Terrebonne Parish. It is routinely affected by saltwater intrusion every fall (Enclosure 1 & 2).

The Lafourche Waterworks District No. 1 in Lockport is also negatively affected by saltwater intrusion. The saltwater travels down the Intracoastal Waterway to the Company Canal and up the Company Canal to Lockport. This plant produces the water for the majority of central and southern Lafourche Parish, including Port Fourchon. These waterways provide the potable water for over 200,000 persons in the heart of the oil and gas industry in south central Louisiana. When drought conditions exist, as they have earlier this year, our citizens literally taste coastal erosion in their drinking water. This drinking water benefit was valued at \$193,000 per year over the 50 year project life,

or at an amortized 1st cost of approximately \$ 3 Million.(Morganza Feasibility Study, 2002).

The lock complex will also provide significant protection to the oil and gas industry in Houma through prevention of flood impacts. Because it is designed to withstand significant storm surges, it will prevent flooding to such facilities as Offshore Specialty Fabricators, Gulf Island Fabrication, Inc., Cenac Towing Co., Inc., and Chet Morrison Contractor, as well as many other similar operations. These industries are major players in the offshore oil and gas industry throughout the world. The lock will also provide significant protection to the seafood industry in Dulac, Dularge, and to a lesser extent, in Chauvin. These docks consistently rank in the top 10 nationally in terms of landings. These docks are all the more important following the extreme devastation of Hurricanes Katrina and Rita.

Additionally, by preserving and enhancing the remaining wetlands in the Terrebonne Basin, the lock will provide the nursery grounds for much of the seafood industry in the state.

Lastly, the lock will provide significant storm surge protection for the recreational and residential structures in Houma, Dularge, Dulac, and Chauvin. This protection will be in the form of reduction of storm surge in those areas. The Houma Navigation Canal is a major conduit for storm surges throughout Terrebonne and Lafourche Parishes, and the lock will prevent those damages.

4) How cost effective is the proposed project?

The cost effectiveness of the lock complex has been analyzed as part of the overall Morganza to the Gulf Hurricane Protection Project. The lock complex was also the subject of a specific value engineering study in 2001. In this study, over several design alternatives were considered, with the preferred alternative moved to the next stage.

The lock complex will be primarily responsible for the benefits associated with the reduction of saltwater intrusion and protection of the drinking water supplies mentioned above. It is also the feature which provides the primary safe harbor benefits within the project due to the lock structure.

Considering the design, value engineering study, and other factors both related to and independent of the lock complex, the cost benefit ratio for the entire Morganza to the Gulf Project is currently 2.1:1 (COE Budget Documents, 2005).

5) What is the certainty of benefits resulting from implementation of the proposed project?

The saltwater intrusion benefits were calculated in the Morganza to the Gulf Hurricane Protection Project Study. The benefits to the potable water supply in Terrebonne and Lafourche Parishes was outlined in preceding paragraphs. The habitat benefits of preventing salt water intrusion were analyzed in an April, 1997, report by the COE. In that study, it was calculated that the lock complex would benefit approximately 188,000 acres of habitat over the project life, primarily by reducing salinities.

The benefits of managing the freshwater resources of the area are currently being analyzed in the system wide model. This model is being run by the Corps of Engineers at the request of the state and federal resource agencies associated with the Morganza to the Gulf Study. As described earlier, the purpose of this model is to determine the changes to the distribution of freshwater resources throughout Terrebonne Parish by building and operating the Houma Navigation Canal Lock. This model has been constructed and the model runs will be completed this summer.

The system wide model will be used in conjunction with a physical model of the lock complex. This physical model has been constructed by the Corps of Engineers in Vicksburg. This model will also be used to insure, among other things, that navigation will not be negatively affected by the lock.

As discussed above, this feature is currently the object of a 6 year, \$8 Million design effort, and a 2 year, \$1 million physical and numerical model effort. This project has been analyzed to a greater extent than any other project on the coast of Louisiana, and the benefits associated with it are as certain as any project could be.

- 6) Does the proposed project address an area of critical conservation/ restoration need or a high loss area?

The project addresses an area of critical conservation or restoration need in a very high loss area of Louisiana. The Terrebonne Basin has historically been one of the highest loss areas in central Louisiana, averaging 10 square miles per year in loss over the last 40 years. At the same time, the Terrebonne Basin, particularly the east side of the Terrebonne Basin, has had very few options for significantly restoring wetlands. This project is the only project that can provide systemic benefits in the near term. This is the reason why this project was a part of the Coast 2050, BTNEP, and LCA efforts. It has been clearly recognized as the lynch pin of the restoration of the Terrebonne Basin.

- 7) How sustainable are the benefits of the proposed project?

The benefits of this project are sustainable for 50 years. The design life of the Houma Navigation Canal Lock is 50 years. The Houma Navigation Canal Lock is also unique in that there is an existing, fully funded local sponsor with the capability of operating and maintaining the lock. The TLCD has already committed, in association with the La.DOTD, to be the local sponsor for the Morganza to the Gulf Hurricane

Protection Project, including the lock. The local sponsor has the primary responsibility within that project for operation and maintenance of the project features, including the lock complex. The TLCD has the capability and the funding stream, in association with the La.DOTD, to operate and maintain this feature for its design life. There are very few other similarly situated coastal protection projects in the State of Louisiana.

Project Cost Share

As outlined in the guidance for the application process as dictated by DNR, as well as the preliminary guidance issued by the Minerals Management Service, the nominating agencies have worked to find other cost sharing funding sources for the HNC Lock. The nominating agencies have identified four other sources that are available and applicable to the lock project. They are as follows:

Terrebonne Parish CIAP Funding	\$ 10 Million	6 %
State CIAP Funding	100	55
Local Sales Tax Dollars	20	11
State Capital Outlay	20	11
Federal Appropriations	30	17
Total	180	100 %

The ongoing design and environmental impact analysis of the lock complex, described below, has been funded by a combination of the local sales tax, state capital outlay, and federal appropriations. With the addition of the CIAP funding, the project can be constructed.

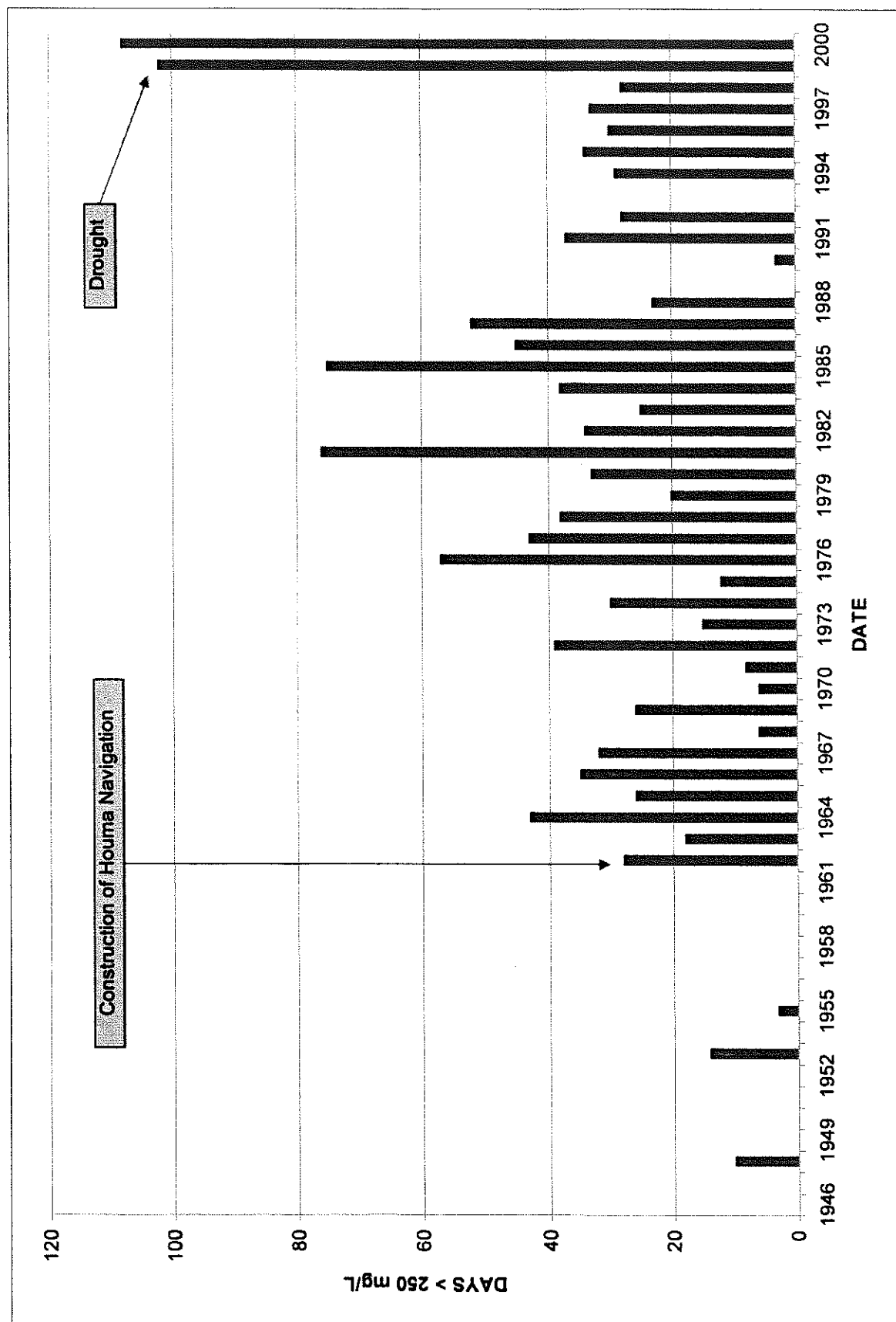


Figure 9. Days per year that chlorides measured > 250 mg/L at the Houma Water Treatment Plant on the Intracoastal Canal near its confluence with the Houma Navigation Canal.

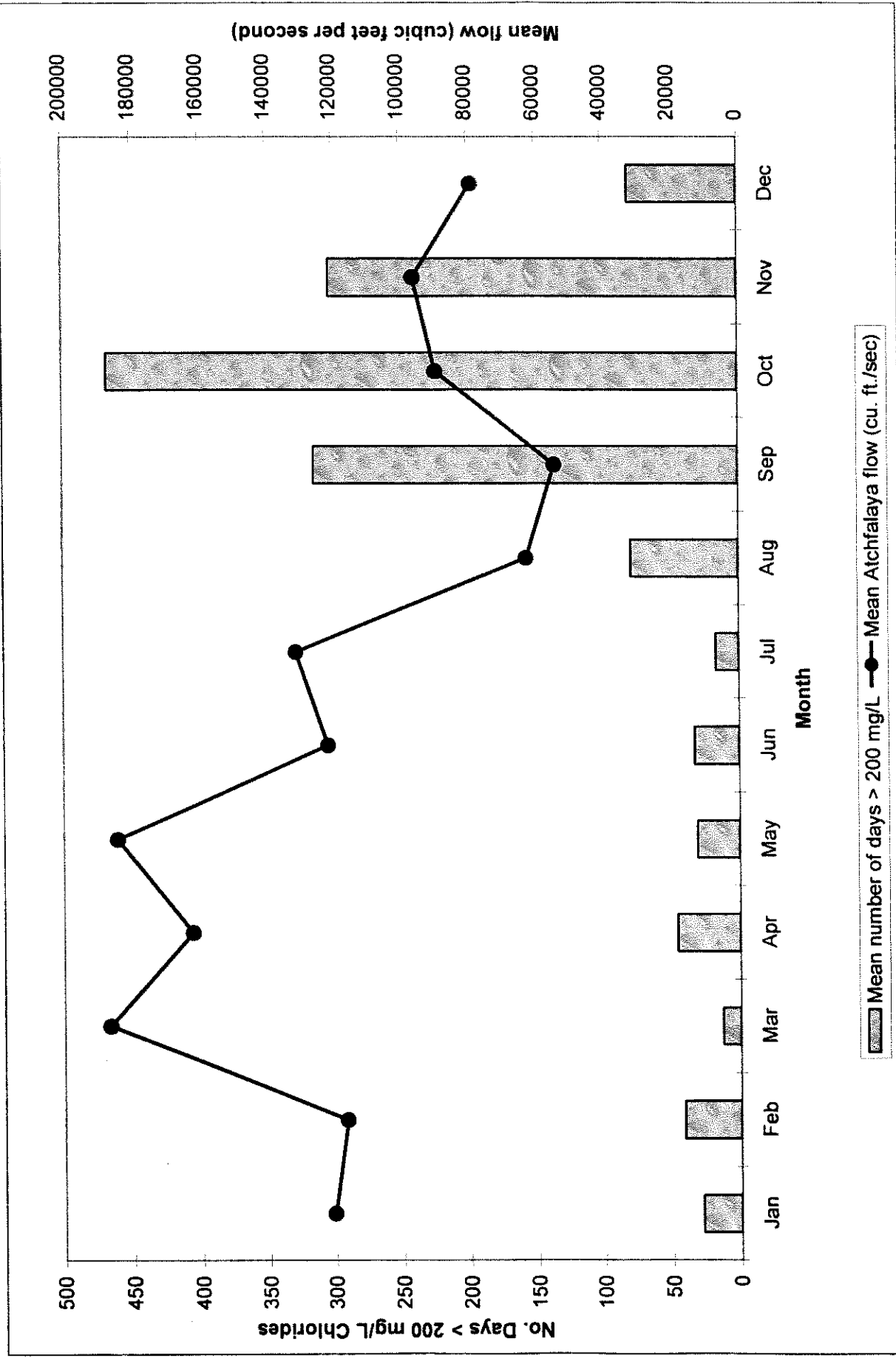
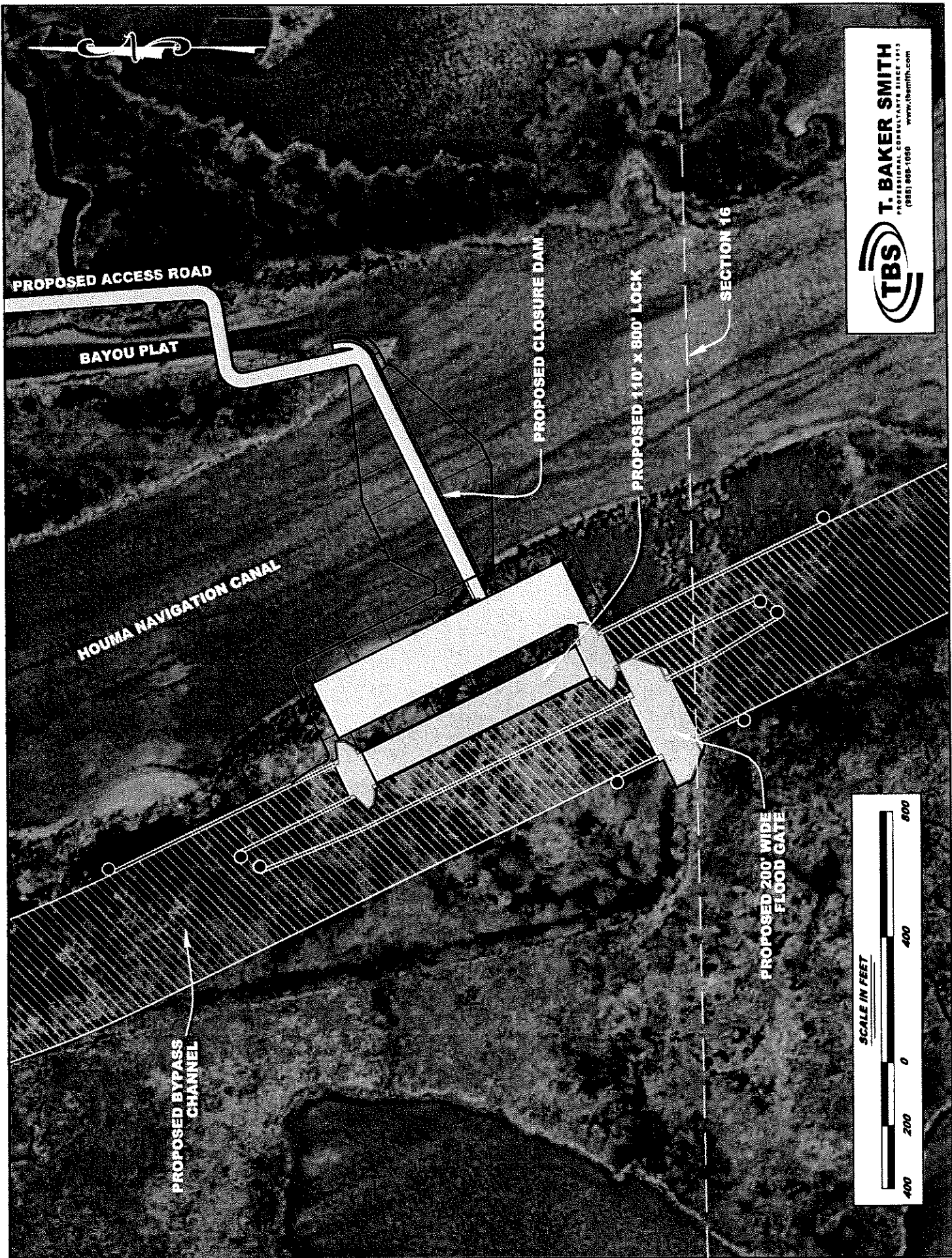
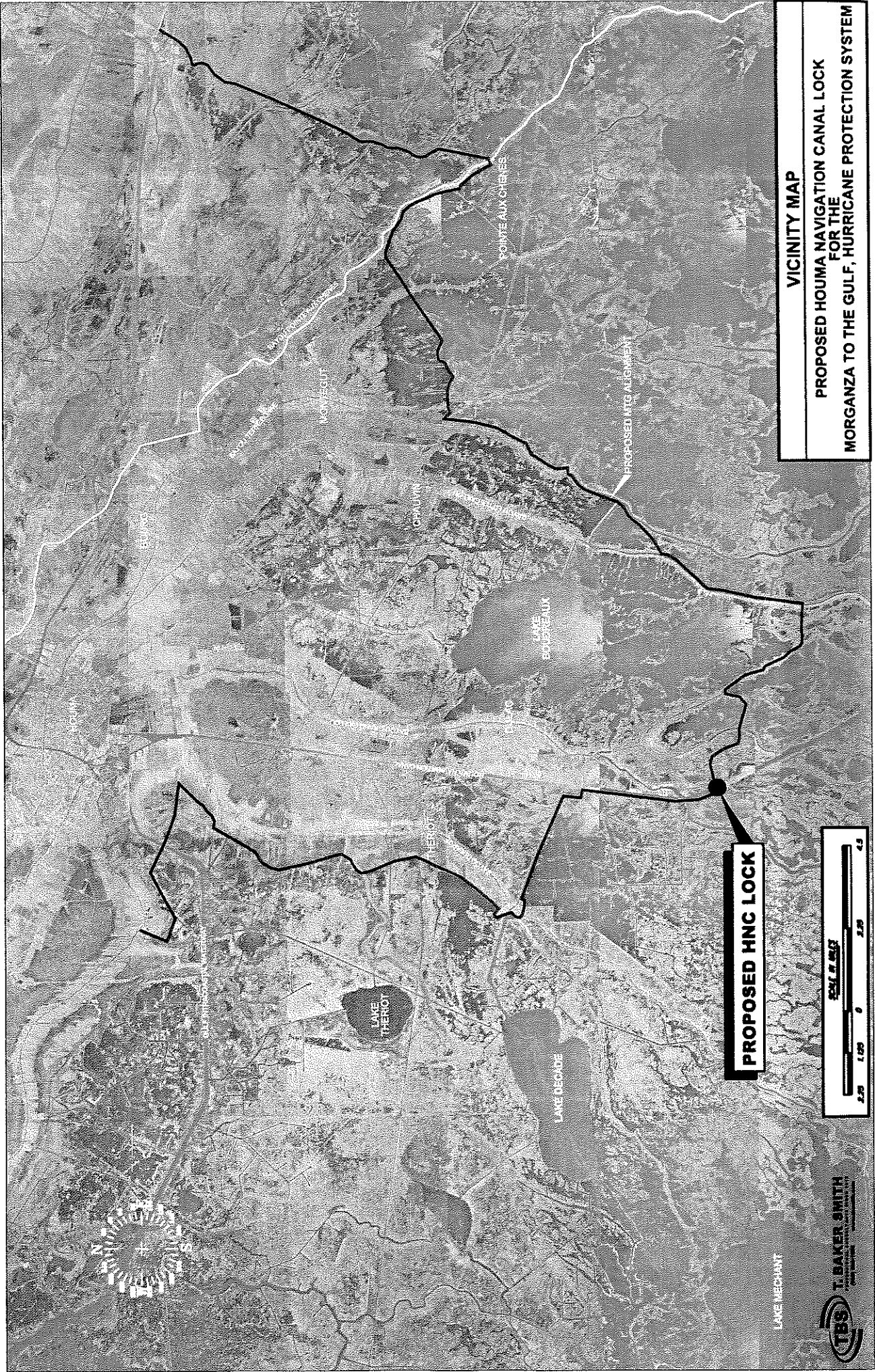


Figure 10. Mean monthly days at the Houma Water Treatment Plant with chlorides > 200 mg/L compared to mean monthly flow of Atchafalaya River at Morgan City.



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VICINITY MAP

**PROPOSED HOUMA NAVIGATION CANAL LOCK
FOR THE
MORGANZA TO THE GULF, HURRICANE PROTECTION SYSTEM**

PROPOSED HNC LOCK



Resolutions of Support Energy Bill Funding for HNC Lock

- Bayou Lafourche Fresh Water District
- North Lafourche Levee District
- Terrebonne Port Commission
- Houma Terrebonne Chamber of Commerce
- Terrebonne Consolidated Waterworks District
- Terrebonne Levee and Conservation District
- Terrebonne Parish Council
- Terrebonne Parish Coastal Zone Advisory Board

RESOLUTION

NORTH LAFOURCHE CONSERVATION, LEVEE AND DRAINAGE DISTRICT

WHEREAS, the North Lafourche Conservation, Levee and Drainage District (NLCLDD) is a body politic and political subdivision of the State of Louisiana, established for the purpose and charged with the duty of constructing and maintaining levees and drainage for the protection of the residents, businesses and property owners within its territorial boundaries in Lafourche Parish;

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will greatly assist the NLCLDD in fulfilling its responsibility and duties of providing flood protection to the public;

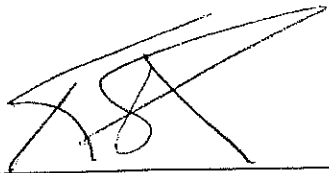
WHEREAS, the proposed lock on the Houma Navigational Canal is a vital and integral part of the Morganza to the Gulf Hurricane Protection System for the entire region encompassed therein, including Lafourche Parish;

WHEREAS, the proposed lock on the Houma Navigational Canal will greatly assist in controlling salt water intrusion and in providing a source of fresh water to replenish marshy areas, as well as other positive systemic effects in both Lafourche and Terrebonne Parishes;

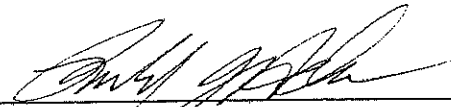
THEREFORE, BE IT RESOLVED that, given the significant and vital environmental and flood control impact which will be afforded by the proposed lock on the Houma Navigational Canal, the NLCLDD respectfully requests that the State of Louisiana dedicate no less than \$100 million of the available Coastal Impact Assistance funds towards the planning and construction of the Houma Navigational Canal lock project; and

BE IT FURTHER RESOLVED that a copy of this Resolution be forwarded to the appropriate local, state and federal delegations.

This Resolution declared adopted on the 26th day of October, 2005.



KEITH BARKER, SECRETARY



RONALD ADAMS, PRESIDENT

On motion by Commissioner Gene Harrell, seconded by Commissioner Gasper Varvaro, the following Resolution was unanimously adopted:

RESOLUTION
**SUPPORTING THE FUNDING FOR THE HNC LOCK FOR THE MORGANZA TO
THE GULF HURRICANE PROTECTION PROJECT**

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will provide hurricane protection for the residents, businesses, and property owners of Terrebonne and Lafourche Parishes; and

WHEREAS, the proposed lock on the Houma Navigation Canal is an integral part of the Morganza to the Gulf Hurricane Protection System for Terrebonne Parish, and;

WHEREAS, the Environmental benefits of the Lock include management of salt water intrusion thereby preventing said intrusion from reaching Lafourche Parish; and

WHEREAS, the lock on the Houma Navigation Canal would have positive systemic affects in Terrebonne and Lafourche Parishes.

THEREFORE BE IT RESOLVED, that the Bayou Lafourche Fresh Water District does recommend that the Coastal Impact Assistance monies allocated to the Terrebonne Parish Consolidated Government be used to assist in the construction of the Lock on the Houma Navigation Canal, and

BE IT FURTHER RESOLVED, that the Bayou Lafourche Fresh Water District strongly urges and requests that the State of Louisiana dedicate \$100 Million of the recently provided Coastal Impact Assistance monies to the planning and construction of the HNC Lock Project.

BE IT FURTHER RESOLVED, that a copy of this resolution be sent to our local, state and federal delegation.

WHEREUPON, the motion was put to a vote and the vote thereon was as follows:

YEAS: Ron Animashaun, Donald Arceneaux, Gene Harrell
Alvin Hebert, Reggie Melancon, Gasper Varvaro

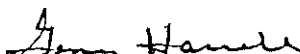
NAYS: None

ABSENT: None

The Resolution was declared adopted on the 21st day of November, 2005.

I, Gene Harrell, Secretary/Treasurer, do hereby certify that the above and foregoing is a true and correct copy of a Resolution adopted by the Bayou Lafourche Fresh Water District, at a meeting held on the 21st day of November, 2005, at which meeting a quorum was present and voted and that said Resolution is now in full force and effect.

WITNESS MY HAND AND SIGNATURE this 21st day of November, 2005. .


Gene Harrell, Secretary/Treasurer

OFFERED BY: Bobby Barthel
SECONDED BY: Don Hingle

RESOLUTION

SUPPORTING THE FUNDING FOR THE HNC LOCK COMPLEX FOR THE MORGANZA TO THE GULF HURRICANE PROTECTION PROJECT

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will provide hurricane protection for the residents, businesses and property owners of Terrebonne and Lafourche Parishes; and

WHEREAS the proposed lock complex on the Houma Navigation Canal is an integral part of the Morganza to the Gulf Hurricane Protection System for Terrebonne Parish and;

WHEREAS the Environmental benefits of the lock complex include management of salt water intrusion and possible use as a freshwater diversion structure as indicated in the Coast 2050 Ecosystem Restoration Report, the Louisiana Coastal Area Ecosystem Study Report (LCA) and by the Morganza to the Gulf Habitat Evaluation Team; and

WHEREAS the lock complex, within the parameters of the preliminary design, on the Houma Navigation Canal would have positive systemic affects in Terrebonne and Lafourche parishes; and

WHEREAS the TLCD stands ready and willing to provide a cost share funding for the construction of the HNC Lock Complex, independent of state and local Coastal Impact Assistance funding;

THEREFORE BE IT RESOLVED that the Terrebonne Port Commission does recommend that the Coastal Impact Assistance monies allocated to the Terrebonne Parish Consolidated Government be used to assist in the construction of the lock complex on the Houma Navigation Canal; and

BE IT FURTHER RESOLVED, that the Terrebonne Port commission strongly urges and requests that the State of Louisiana dedicate \$100 Million of the recently provided Coastal Impact Assistance monies to the planning and construction of the HNC Lock Project;

BE IT FURTHER RESOLVED, that a copy of this resolution be sent to our local, state, and federal delegation.

THERE WAS RECORDED:

YEAS: Andrew Blanchard, Don Hingle, Bobby Barthel, Kerry Chauvin, Barry Belanger, Gary Landry, Joey Cehan

NAYS: None.

ABSENT: None

ABSTAINING: None.

The President, Joey Cehan, declared the Resolution as adopted on this 18 day of October, 2005.

I, Ed Watson, do hereby certify that the foregoing is a true and correct copy of the RESOLUTION adopted by the Terrebonne Port Commission on the 18th day of October, 2005, at which meeting a quorum was present.


Ed Watson, Administrator

RESOLUTION

SUPPORTING THE FUNDING FOR THE HNC LOCK FOR THE MORGANZA TO THE GULF HURRICANE PROTECTION PROJECT

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will provide hurricane protection for the residents, businesses and property owners of Terrebonne and Lafourche Parishes; and

WHEREAS the proposed lock on the Houma Navigation Canal is an integral part of the Morganza to the Gulf Hurricane Protection System for Terrebonne Parish and;

WHEREAS the Environmental benefits of the Lock include management of salt water intrusion and possible use as a freshwater diversion structure as indicated in the Coast 2050 Ecosystem Restoration Report, the Louisiana Coastal Area Ecosystem Study Report (LCA) and by the Morganza to the Gulf Habitat Evaluation Team; and

WHEREAS the lock on the Houma Navigation Canal would have positive systemic affects in Terrebonne and Lafourche parishes; and

WHEREAS the Terrebonne Levee and Conservation District stands ready and willing to provide a cost share funding for the construction of the HNC Lock, independent of state and local Coastal Impact Assistance funding;

THEREFORE BE IT RESOLVED that the Houma-Terrebonne Chamber of Commerce does recommend that the Coastal Impact Assistance monies allocated to the Terrebonne Parish Consolidated Government be used to assist in the construction of the Lock on the Houma Navigation Canal, and

BE IT FURTHER RESOLVED, that the Houma-Terrebonne Chamber of Commerce strongly urges and requests that the State of Louisiana dedicate \$100 Million of the recently provided Coastal Impact Assistance monies to the construction of the HNC Lock Project.

I, **Kandy Theriot**, Secretary of the Houma-Terrebonne Chamber of Commerce, do hereby certify that the foregoing is a true and correct copy of the RESOLUTION adopted by the Houma-Terrebonne Chamber of Commerce Board of Directors on 11th day of October, 2005, at which meeting a quorum was present.

GIVEN UNDER MY OFFICIAL SIGNATURE AND SEAL OF OFFICE THIS 11th
day of October, 2005



KANDY THERIOT
PRESIDENT/CEO/SECRETARY
HOUMA-TERREBONNE CHAMBER OF COMMERCE

It was moved by Mr. John Pizzolatto and unanimously seconded that the following Resolution be adopted.

**A RESOLUTION SUPPORTING THE FUNDING FOR THE HNC LOCK FOR
THE MORGANZA TO THE GULF HURRICANE PROTECTION PROJECT**

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will provide hurricane protection for the residents, businesses and property owners of Terrebonne and Lafourche Parishes; and

WHEREAS the proposed lock on the Houma Navigation Canal is an integral part of the Morganza to the Gulf Hurricane Protection System for Terrebonne Parish and;

WHEREAS the Environmental benefits of the Lock include management of salt water intrusion and possible use as a freshwater diversion structure as indicated in the Coast 2050 Ecosystem Restoration Report, the Louisiana Coastal Area Ecosystem Study Report (LCA) and by the Morganza to the Gulf Habitat Evaluation Team; and

WHEREAS the lock on the Houma Navigation Canal would have positive systemic affects in Terrebonne and Lafourche parishes; and

WHEREAS the Terrebonne Levee and Conservation District stands ready and willing to provide a cost share funding for the construction of the HNC Lock, independent of state and local Coastal Impact Assistance funding;

THEREFORE BE IT RESOLVED that the Consolidated Waterworks District No. 1 *does* recommend that the Coastal Impact Assistance monies allocated to the Terrebonne Parish Consolidated Government be used to assist in the construction of the Lock on the Houma Navigation Canal, and

BE IT FURTHER RESOLVED, that the TLCD strongly urges and requests that the State of Louisiana dedicate \$100 Million of the recently provided Coastal Impact Assistance monies to the planning and construction of the HNC Lock Project;

BE IT FURTHER RESOLVED, that a copy of this resolution be sent to our local, state, and federal delegation.

WHEREON, the motion was put to a vote and the vote thereon was as follows:

YEAS:	7
NAYS:	0
ABSENT:	2
NOT VOTING:	0

and the Resolution was declared adopted on this 17th day of October, 2005.

I, the undersigned Secretary of the Board of Commissioners of Consolidated Waterworks District No. 1 of the Parish of Terrebonne, State of Louisiana, do hereby certify that the foregoing resolution was adopted by the Board of Commissioners at a regular meeting held October 17, 2005.


Secretary

Motion of Commissioner Jack Moore and unanimously seconded:

RESOLUTION NO. 05-396

SUPPORTING THE FUNDING FOR THE HNC LOCK FOR THE MORGANZA TO THE GULF HURRICANE PROTECTION PROJECT

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will provide hurricane protection for the residents, businesses and property owners of Terrebonne and Lafourche Parishes; and

WHEREAS the proposed lock on the Houma Navigation Canal is an integral part of the Morganza to the Gulf Hurricane Protection System for Terrebonne Parish and;

WHEREAS the Environmental benefits of the Lock include management of salt water intrusion and possible use as a freshwater diversion structure as indicated in the Coast 2050 Ecosystem Restoration Report, the Louisiana Coastal Area Ecosystem Study Report (LCA) and by the Morganza to the Gulf Habitat Evaluation Team; and

WHEREAS the lock on the Houma Navigation Canal would have positive systemic affects in Terrebonne and Lafourche parishes; and

WHEREAS the TLCD stands ready and willing to provide a cost share funding for the construction of the HNC Lock, independent of state and local Coastal Impact Assistance funding;

THEREFORE BE IT RESOLVED that the Terrebonne Levee and Conservation District does recommend that the Coastal Impact Assistance monies allocated to the Terrebonne Parish Consolidated Government be used to assist in the construction of the Lock on the Houma Navigation Canal, and

BE IT FURTHER RESOLVED, that the TLCD strongly urges and requests that the State of Louisiana dedicate \$100 Million of the recently provided Coastal Impact Assistance monies to the planning and construction of the HNC Lock Project;

BE IT FURTHER RESOLVED, that a copy of this resolution be sent to our local, state, and federal delegation.

THERE WAS RECORDED:

YEAS: Commissioners Alford, Daisy, W. Henry, L. Henry, Luke, Moore, Teuton, and Talbot.

NAYS: None.

ABSENT: Commissioner Bonvillain.

ABSTAINING: None.

The Chairman declared the Resolution as adopted on this 3rd day of October, 2005.

I, **Jerome P. Zeringue**, Secretary of the Terrebonne Levee and Conservation District, do hereby certify that the foregoing is a true and correct copy of the RESOLUTION adopted by the Terrebonne Levee and Conservation District Board of Commissioners on 3rd day of October, 2005, at which meeting a quorum was present.

**GIVEN UNDER MY OFFICIAL SIGNATURE AND SEAL OF OFFICE THIS 3rd
day of October, 2005**

OFFERED BY: Mr. C. Voisin.
SECONDED BY: Ms. K. Elfert and Mr. H. Lapeyre.

RESOLUTION NO. 05-352

SUPPORTING THE FUNDING FOR THE HNC LOCK COMPLEX FOR
THE MORGANZA TO THE GULF HURRICANE PROTECTION PROJECT

WHEREAS, the Morganza to the Gulf Hurricane Protection Project will provide hurricane protection for the residents, businesses and property owners of Terrebonne and Lafourche Parishes; and

WHEREAS, the proposed lock complex on the Houma Navigation Canal is an integral part of the Morganza to the Gulf Hurricane Protection System for Terrebonne Parish and;

WHEREAS, the environmental benefits of the lock complex include management of salt water intrusion and possible use as a freshwater diversion structure as indicated in the Coast 2050 Ecosystem Restoration Report, the Louisiana Coastal Area Ecosystem Study Report (LCA) and by the Morganza to the Gulf Habitat Evaluation Team; and

WHEREAS, the lock complex on the Houma Navigation Canal would have positive systemic affects in Terrebonne and Lafourche Parishes; and

WHEREAS, the Terrebonne Levee and Conservation District stands ready and willing to provide a cost share funding for the construction of the HNC Lock Complex, independent of state and local Coastal Impact Assistance funding;

THEREFORE BE IT RESOLVED that the Terrebonne Parish Council (Public Services Committee), on behalf of the Terrebonne Parish Consolidated Government, does recommend that a sufficient portion of the Coastal Impact Assistance monies allocated to the Terrebonne Parish Consolidated Government be used to assist in the construction of the Lock Complex on the Houma Navigation Canal, and

BE IT FURTHER RESOLVED, that the Council strongly urges and requests that the State of Louisiana dedicate \$100 Million of the recently provided Coastal Impact Assistance monies to the construction of the HNC Lock Complex Project; and

BE IT FURTHER RESOLVED, that a copy of this resolution be sent to our State Legislative Delegation and our Congressional Delegation.


THERE WAS RECORDED:

YEAS: T. Cavalier, C. Duplantis, K. Elfert, H. Lapeyre, P. Rhodes, W. Thibodeaux, A. Tillman and C. Voisin.

NAYS: None.

ABSTAINING: None.

GIVEN UNDER MY OFFICIAL SIGNATURE AND SEAL OF OFFICE THIS 13th
DAY OF OCTOBER, 2005.


PAUL A. LABAT, COUNCIL CLERK
TERREBONNE PARISH COUNCIL



**SOUTH LAFOURCHE LEVEE DISTRICT
BOARD OF COMMISSIONERS**

P.O. Box 426 • Galliano, LA 70354
Telephone: 985.632.7554 • Fax: 985.632.7555
Email: slld@mobiletel.com • Web: www.slld.net



Ronald Callais, President

Windell Curole, General Manager

**RESOLUTION 06-02
SOUTH LAFOURCHE LEVEE DISTRICT**

WHEREAS, the proposed lock on the Houma Navigation Canal is a vital and integral part of comprehensive hurricane protection for both Lafourche and Terrebonne Parishes;

WHEREAS, the Lock will greatly assist in controlling salt water intrusion and protect the drinking water supply of Lafourche and Terrebonne Parishes;

WHEREAS, the lock will provide a tool to manage the available fresh water for the marshes and wetlands of Lafourche and Terrebonne Parishes;

WHEREAS, the La. 1 Highway Improvement Project is key to the long term economic vitality of Lafourche Parish;

WHEREAS, the La. 1 Improvement Project is necessary to provide safe and reliable hurricane evacuation to the residents and businesses of Lafourche Parish;

WHEREAS, The South Lafourche Levee District strongly believes these two projects best reflect the needs the Coastal Impact Assistance Funds were meant to address;

WHEREAS, sufficient monies are available within the Coastal Impact Assistance Monies recently approved by the United States Congress for these projects;

NOW, THEREFORE BE IT RESOLVED, that the South Lafourche Levee District respectfully requests that the State of Louisiana, through the Department of Natural Resources, dedicate a significant portion of the available Coastal Impact Assistance Program monies to both the Houma Navigational Canal Lock and the La. 1 Improvement Project; and

BE IT FURTHER RESOLVED, that a copy of this resolution be forwarded to the Department of Natural Resources, the state legislative delegation, and the federal delegation.

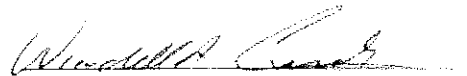
This resolution declared and adopted this 13th day of February, 2006

Ronald Callais	President	Lula Auenson	Vice President
Roy Gisclair	Commissioner	Robert Eymard, Sr.	Commissioner
Bob Faulk	Commissioner	E.J. Gremillion	Commissioner
Clarence Marts, Jr.	Commissioner	Ernest Richoux	Commissioner
Monty Vegas	Commissioner	Windell Curole	Executive Secretary

CERTIFICATION

I, WINDELL A. CUROLE, Executive Secretary of the South Lafourche Levee District do hereby certify that the above and foregoing resolution is a true and exact copy of the resolution adopted by the Board of Commissioners of the South Lafourche Levee District, at its meeting held on February 13, 2006, at which a quorum was present, and the same has not been revoked, rescinded or altered in any manner, and is in full force and effect.

Witness my hand officially and the seal of office at Galliano, Louisiana, this 15th day of February, 2006.


Windell A. Curole
Executive Secretary

Resolution 06-02

